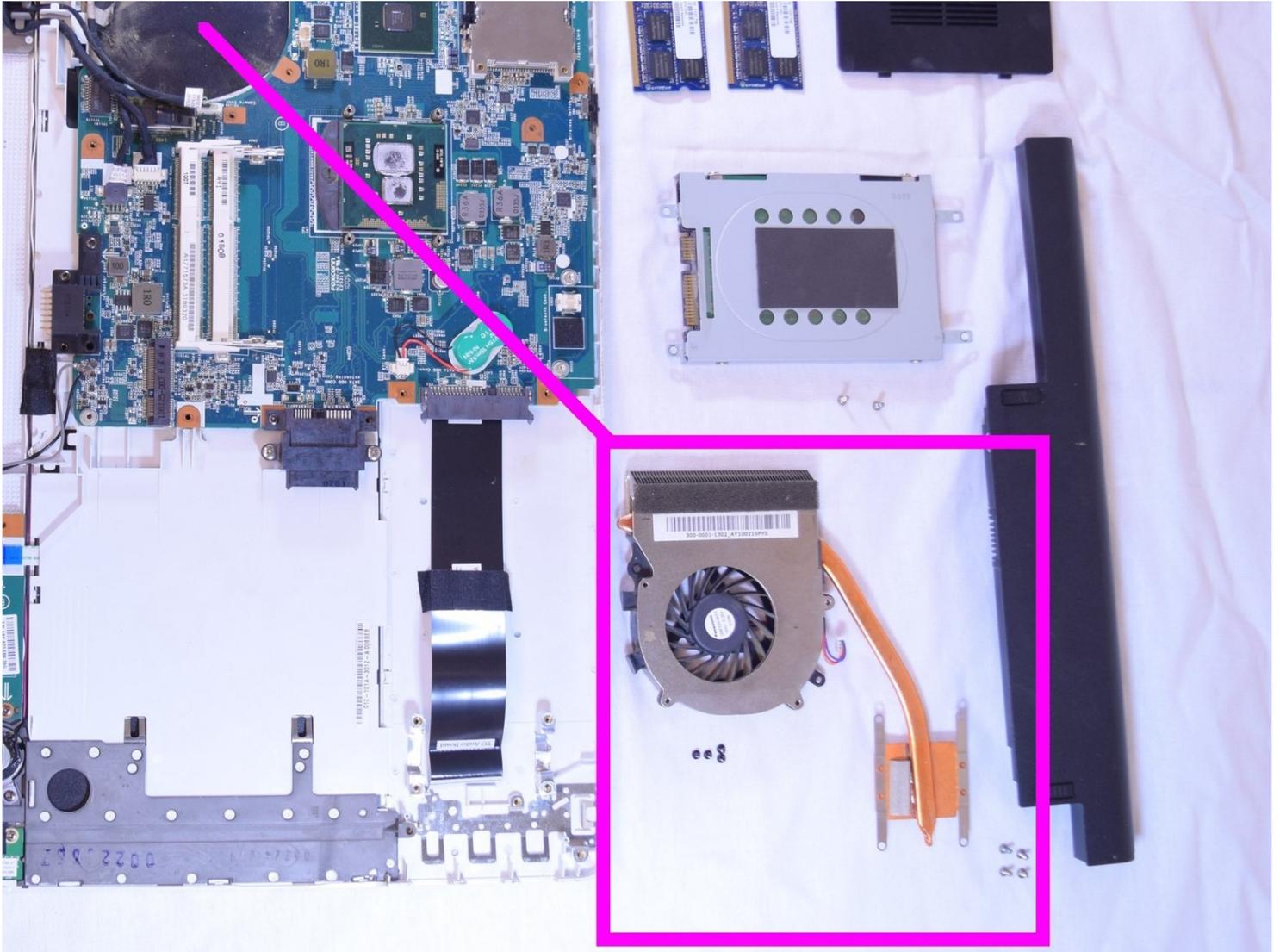


Sony Vaio VPCEB11FM Cooling Fan Replacement

Written By: Maxine Filcher



🔧 TOOLS:

Phillips #000 Screwdriver (1)
Phillips #1 Screwdriver (1)

⚙️ PARTS:

Arctic Silver Thermal Paste (1)

Step 1 — Battery



⚠️ Power down and disconnect the laptop from power supply.

- Using your fingers, unlock the tab by pushing on the slide.

Step 2



- While holding the release slide, use your thumb to lift the lip of the battery to pull it out.

Step 3



- Pull the battery out.

Step 4 — RAM



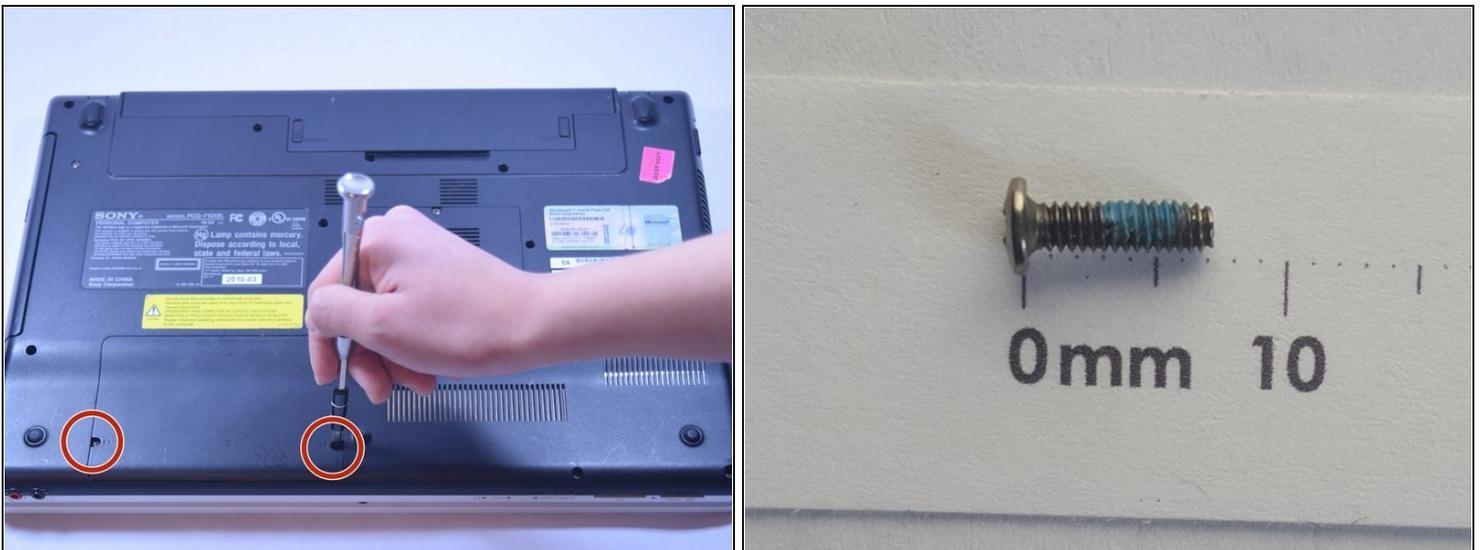
- Unscrew the RAM cover plate using the Phillips #1 Screwdriver.
- Once the cover has been loosened, pry the cover with your finger for it to come off.

Step 5



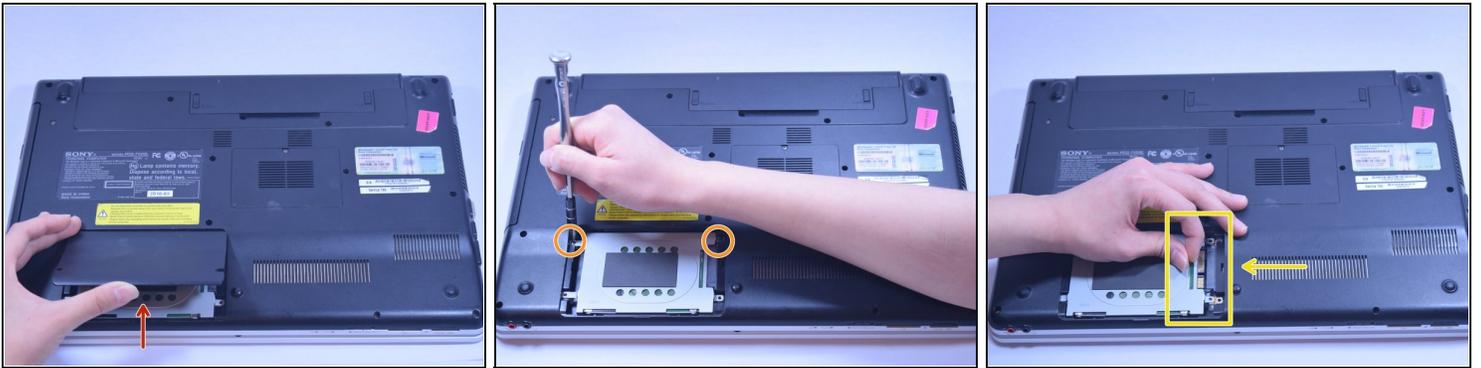
- Use your fingers to gently pull the white plastic strip outward on both sides.
- Once you pull the strip, the strip of RAM will loosen up. Once loose the strip of RAM should lift out.
- Once done with the top strip of RAM continue for all continuous strips.

Step 6 — Hard Drive



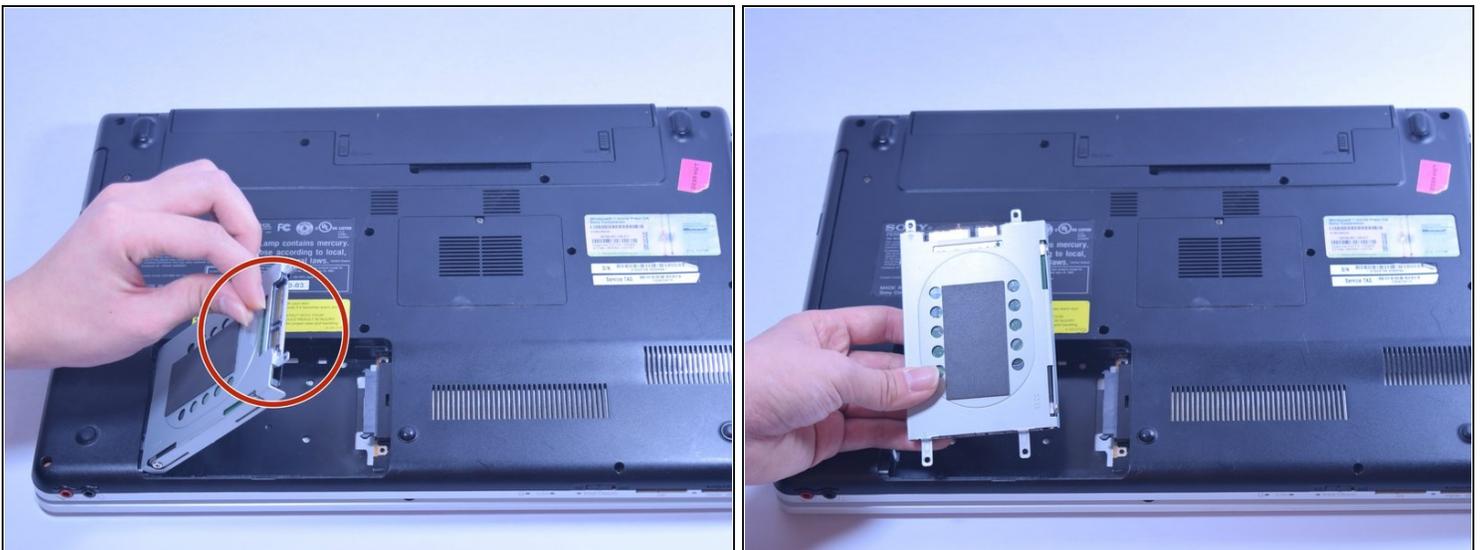
- Using the Phillips #01 Screwdriver, remove the two 7mm screws.

Step 7



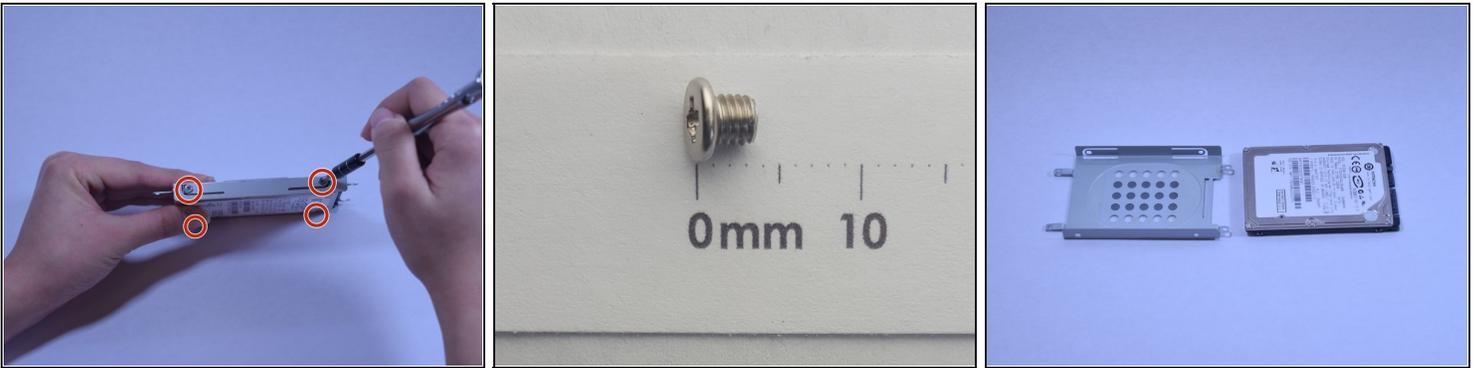
- Use your fingers to pry the cover upward.
- Unscrew the two 7mm screws.
- Pull the plastic tab in the direction of the arrow to take out.

Step 8



- Lift plug side first.
- Remove all the way.

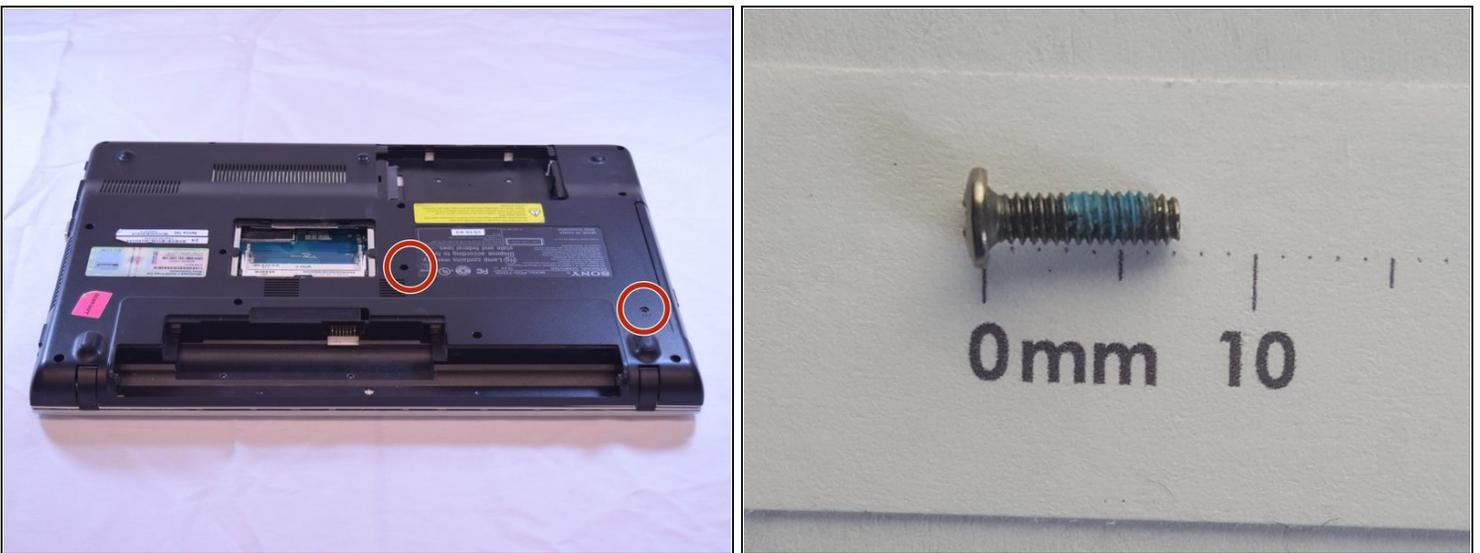
Step 9



ⓘ Skip to next step if accessing other components.

- Remove the 3mm screws with the Phillips #1 Screwdriver from hard drive bracket.

Step 10 — DVD Drive



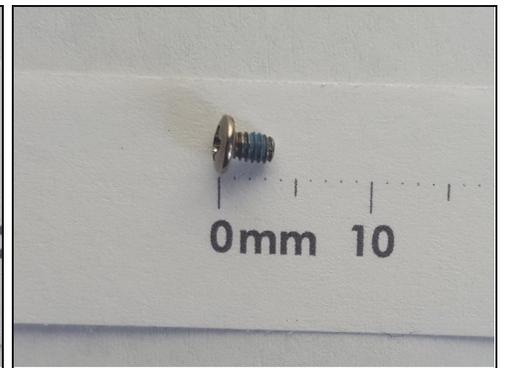
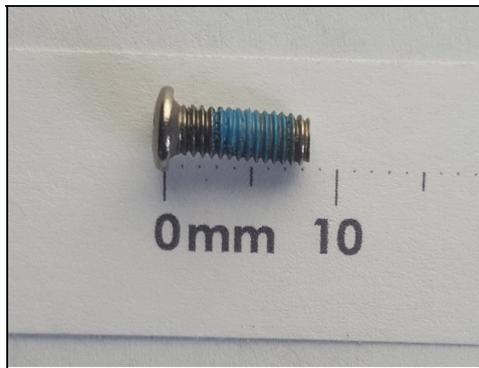
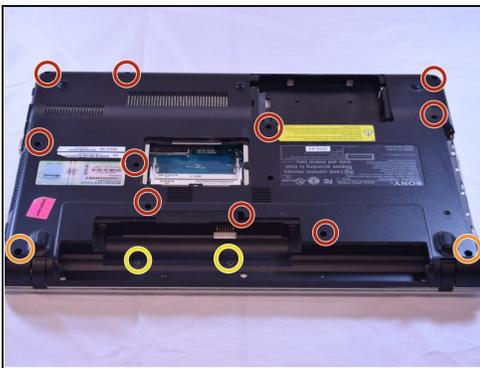
- Remove the 7mm screws with the Phillips #1 Screwdriver.

Step 11



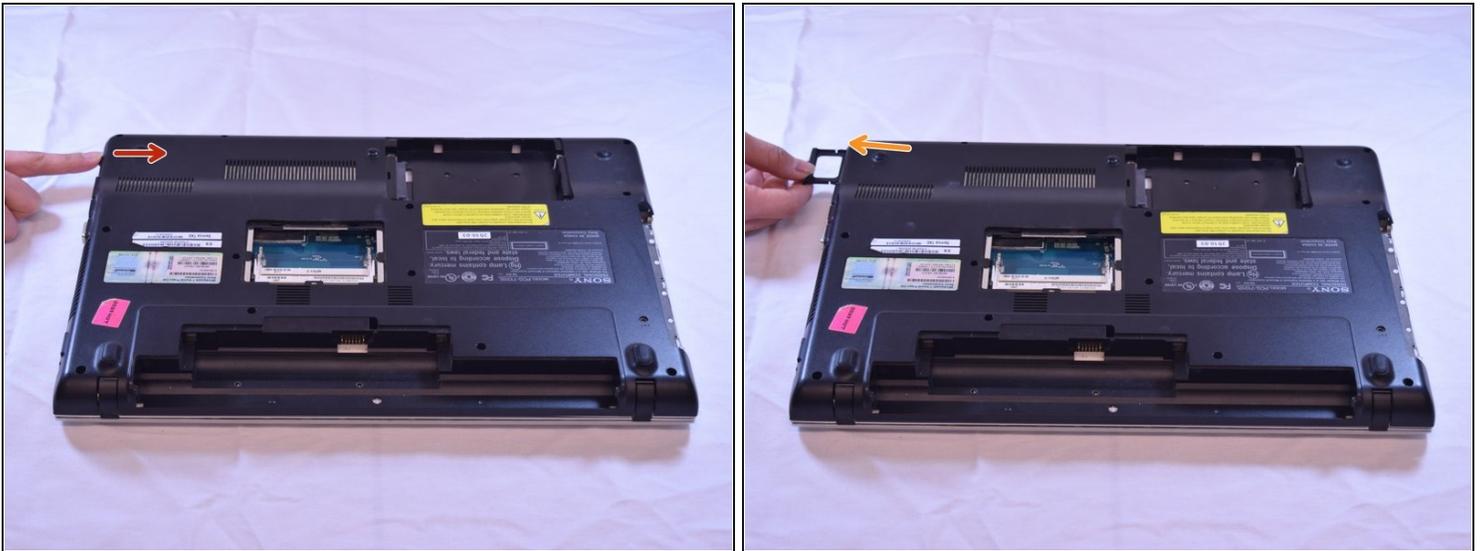
- Grasp the DVD drive's face plate with your fingers and pull out.

Step 12 — Cooling Fan



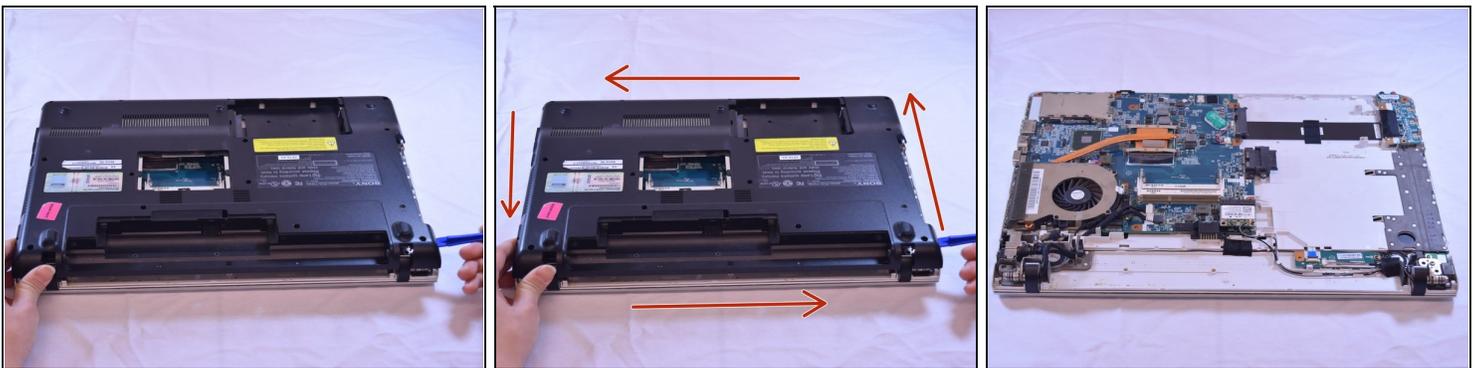
- Remove ten 7mm screws with the Phillips #1 Screwdriver.
- Remove two 8mm screws with the Phillips #1 Screwdriver.
- Remove two 3mm screws with the Phillips #1 Screwdriver.

Step 13



- Remove SD card slot block by pushing it in until it releases.
- Once released pull out to remove.

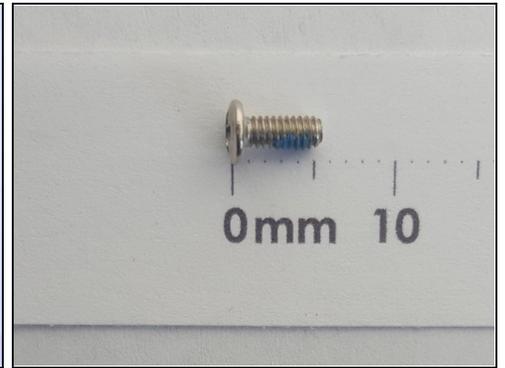
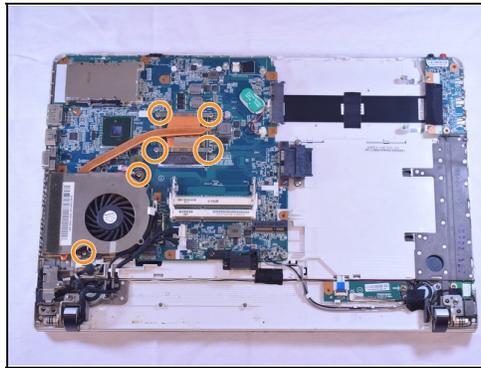
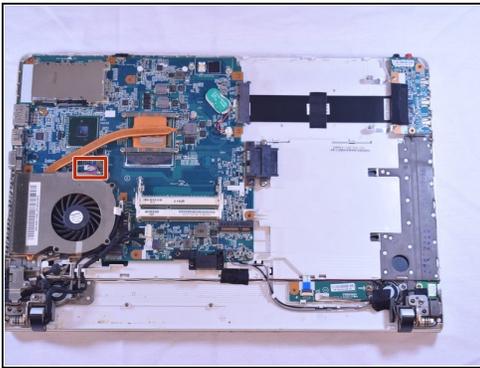
Step 14



- To take off the cover plate, start by finding a loose corner to begin prying it open.
- Work the tool around the sides to release the cover. You may need a second tool to help keep your loose corner open.
- Lift cover away.

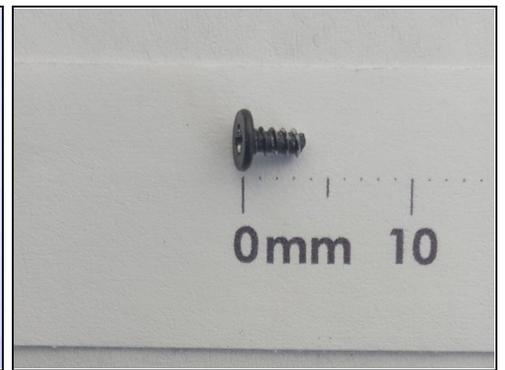
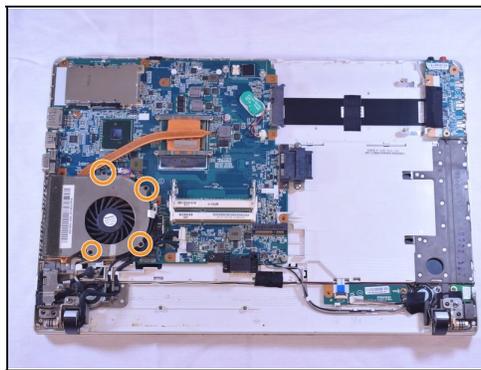
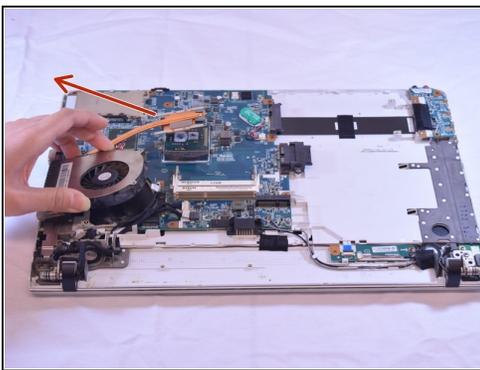
i NOTE: If you are attempting to access other components, skip 2 steps.

Step 15



- Remove the plug shown using a pry tool.
- Remove seven 5mm screws with the Phillips #01 Screwdriver.

Step 16



- To break the thermal paste, apply gentle constant upward force until it comes free.
- Remove four 3.5mm screws with the Phillips #000 Screwdriver to access cooling fan.

To reassemble your device, follow these instructions in reverse order.